ends with chapters on the methods of mining and the statistics of the diamond-mining industry.

R. T. C.

Geographical Essays. By WILLIAM MORRIS DAVIS. Edited by DOUGLAS WILSON JOHNSON. Pp. 777, 130 text figures. Boston: Ginn & Co., 1909.

An endeavor has been made in this volume to meet the growing demand for an edition of Professor Davis' most important geographical essayss Twenty-six of these essays have been reprinted from the pages of the variou. publications in which they originally appeared and grouped under two heads: Part I, embracing twelve educational essays, and Part II, fourteen physiographic essays. The high character of these essays is so familiar to all geologists and geographers that special comment seems superfluous.

R. T. C.

The Cement Resources of Virginia, West of the Blue Ridge. By RAY S. BASSLER, PH.D. Bulletin No. 11 A, Virginia Geological Survey. Pp. 309, 30 plates, and 30 text figures. Charlottesville, 1909.

This report deals essentially with the limestones and shales of Appalachian Virginia—in other words, with the materials there present which may be used in the manufacture of cement. The Cambro-Ordovician limestones have received the greatest attention, though the post-Ordovician cement materials are also discussed toward the close of the book. A large number of chemical analyses of the limestones from the various localities are given. Since practically nothing concerning the Paleozoic fossils of Virginia has appeared in the literature, the author has included plates portraying some of the characteristic species employed in the discrimination of the different formations. The report is well illustrated.

R. T. C.